

SUBSTITUTE SPECIFICATION

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ABSTRACT OF THE DISCLOSURE

A molded motor has a motor frame molded by covering a stator made from
a straight core, with a molding resin. The straight core has a stack of laminas each
having a plurality of tees projecting from one long side of a belt-shaped back yoke
and a V-shaped cut formed between every two adjoining tees along the back yoke
5 and on a side from which the tees project. The straight core has an insulating layer
thereon, formed by pre-molding from an insulating resin, excluding at least an
inner periphery of each tee. The straight core also has a winding formed about each
tee having the insulating layer formed thereon. The stator is formed by bending the
10 straight core at cuts made therein into an arcuate or annular shape, and joining the
opposite ends of the back yokes to each other by welding or adhesion.